

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number : 09/689,927 Confirmation No. 7458  
Applicant(s) : Abha LESSING et al.  
Filed : October 12, 2000  
Tech Cntr/AU : 2178  
Examiner : Joshua D. Campbell  
Entitled : MALTWEB MULTI-AXIS VIEWING INTERFACE AND  
HIGHER LEVEL SCOPING  
Attorney Reference : 011800-0001-999  
Customer Number : 20583

MAIL STOP 313(c)  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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JAN 04 2007

**OFFICE OF PETITIONS**

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Sir:

Pursuant to 37 CFR §1.97 and 1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the following disclosures made herein, which include:

**REFERENCES AND RELEVANCY**

- ☒ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are any readily available full or partial English translations of any non-English language documents.
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited for consideration in the parent application, and, pursuant to 37 CFR 1.98(d), copies of the cited references can be found in the file of the parent application (*U.S. Serial No. , filed* ).
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in the International Search Report issued for the corresponding International application, and copies of the International Search Report and the cited references are attached for the Examiner's consideration.
- ☐ Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. The references cited herein were cited in a communication from a foreign or international patent office in a counterpart foreign or international application(s), and copies of both the relevant communication and the cited references, where required, are attached for the Examiner's consideration.

## CERTIFICATION

The undersigned certifies that, pursuant to 37 CFR §1.97(e)(1),

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application not more than three months prior to the filing of this Statement.

## RELATED CASES

- ☐ Identified in the attached Appendix are related applications directed to related technical subject matter. Copies of the related applications, where required, are attached for the Examiner's consideration. *The identification of the related U.S. patent applications is not to be construed as a waiver of secrecy for those applications, now or upon issuance of the present application as a patent.*

## BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☐ within three months of the filing date of the application and/or before the mailing date of a first Official Action on the merits, and no fee is required [37 C.F.R. §1.97(b)].
- ☐ with the appropriate certification, and no fee is required [37 C.F.R. §1.97(e)(1)].
- ☐ after the mailing date of the first Official Action on the merits, but prior to the issuance of a Final Official Action or a Notice of Allowance, and the requisite fee, if necessary, is authorized herein for payment [37 C.F.R. §1.97(c)].
- ☐ after the mailing date of the Final Official Action or Notice of Allowance, but prior to the payment of the issue fee, the requisite certification under 37 CFR §1.97(e)(1) is made herein, and the requisite fee, if necessary, is authorized herein for payment [37 C.F.R. §1.97(d)].
- ☒ with a Request for Continued Examination (RCE), and no fee is required [37 C.F.R. §1.97(b)(4)].

## FEE AUTHORIZATION

- ☒ Authorization is hereby given to charge any deficient fee(s) under 37 CFR §1.16 and §1.17 as necessary to ensure the consideration of this disclosure, or to credit any fee overpayments, to Deposit Account No. 503-013.
- ☐ Authorization is hereby given to charge the requisite fee of \$180 (Fee Code 1806) for submission of this Information Disclosure Statement to Deposit Account No. 503-013.

It is respectfully requested that this information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

JONES DAY

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Date: January 4, 2007

Attachment(s): PTO Form 1449  
Cited References

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Attorney Reference: 011800-0001-999

Applicant: Abha LESSING et al.

Application Serial No. 09/689,927

Filing Date: October 12, 2000

Date: January 4, 2007

Page 1 of 1

Examiner: J. Campbell

Group Art Unit: 2178

**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing Date<br>(if appropriate) |
|-------------------------|----|--------------------|-----------------|---|-------|--------------|---------------------------------|
|                         | AR | 6,947,945          | 09-2005         | Carey et al.                            | 707   | 102          |                                 |
|                         | BR | 2004/0183831 A1    | 09-2004         | Ritchy et al.                           | 345   | 762          |                                 |
|                         | CR | 2005/0278475 A1    | 12-2005         | Karatal et al.                          | 711   | 100          |                                 |
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|                         | ER |                    |                 |   |       |              |                                 |
|                         | FR |                    |                 |   |       |              |                                 |
|                         | GR |                    |                 |   |       |              |                                 |
|                         | HR |                    |                 |   |       |              |                                 |
|                         | IR |                    |                 |   |       |              |                                 |

**FOREIGN PATENT DOCUMENTS**

|  |    | Document<br>Number | Date<br>MM/YYYY | Country |  |  | Translation Readily<br>Available |    | English<br>Abstract |    |
|--|----|--------------------|-----------------|---------|--|--|----------------------------------|----|---------------------|----|
|  |    |                    |                 |         |  |  | Enclosed                         | No | Enclosed            | No |
|  | JR |                    |                 |         |  |  |                                  |    |                     |    |
|  | KR |                    |                 |         |  |  |                                  |    |                     |    |
|  | LR |                    |                 |         |  |  |                                  |    |                     |    |
|  | MR |                    |                 |         |  |  |                                  |    |                     |    |
|  | NR |                    |                 |         |  |  |                                  |    |                     |    |

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

|  |    |   |
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|  | OR | Lim et al., "An Automated Approach for Retrieving Hierarchical Data from HTML Tables", CIKM '99, 11/99, Kansas City, MO, USA, pp. 466-474.  |
|  | PR | Eisenberg et al., "SQL/XML is Making Good Progress", SIGMOD Record, Vol. 31, No. 2, June 2002, pp. 101-108.   |
|  | QR | Promenschenkel, "STEPS: toward a new era in electronic publishing", OCLC Newsletter, Jul/Aug 1995, No. 216, found at website:<br><a href="http://digitalarchive.oclc.org/da/ViewObjectMain.jsp;jsessionid=84ae0c5fi82409328f8d87a14475bd40eaa-ceff43afd?fileid=0000001695:000000042504&amp;reqi">http://digitalarchive.oclc.org/da/ViewObjectMain.jsp;jsessionid=84ae0c5fi82409328f8d87a14475bd40eaa-ceff43afd?fileid=0000001695:000000042504&amp;reqi</a>            |
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|  | SR | Kim et al., "OOHS: An Object-Oriented Hypermedia System", COMPSAC, Seoul, KR, 21 August 1996 – 23 August 1996, pp. 496-501, IEEE, XP 000684382, IEEE Comp. Soc. Los Alamitos, CA US ISBN: 0-8186-7579-9..   |
|  | TR | Arnold-Moore et al., "The ELF data model and SGQL query language for structured document databases", Sixth Australasian Database Conf., ADC'95, Adelaide, AU, [Online] vol. 17, no. 2, 30 January 1995 – 31 January 1995, pp. 17-26, XP002204886, Australian Computer Science Communications ISSN: 0157-3055 Retrieved from the Internet:<br>URL: <a href="http://www.mds.rmit.edu.au/~tja/papers/index.html">http://www.mds.rmit.edu.au/~tja/papers/index.html</a> > |
|  | UR | P. Francois, "Generalized SGML repositories: Requirements and modeling", Computer Standards and Interfaces, vol. 18, no. 1, 1996, pp. 11-24, XP004006104, Elsevier Sequoia, Lausanne, CH ISSN: 0920-5489.   |
|  | VR | Dayen, Igor, "Storing XML is Relational Databases", XML.com, <a href="http://www.xml.com/lpt/a/803">www.xml.com/lpt/a/803</a> , June 20, 2001, pp. 1-13.  |
|  | WR | WR Communication pursuant to Article 115(c) EPC, 30 November 2006.  |

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.